CLAIMS

1. A thin film transistor comprising:

an insulating layer having a first opening;

a first conductive layer in the opening; and

a second conductive layer on the insulating layer and the first conductive layer,

wherein the first conductive layer is wider and thicker than the second conductive layer.

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2. A thin film transistor comprising:

an insulating layer having a first opening;

a first conductive layer in the opening; and

a second conductive layer on the insulating layer and the

15 first conductive layer,

wherein the first conductive layer is wider and thicker than the second conductive layer, and

wherein the second conductive layer is formed by a droplet discharge method using a conductive material.

- 3. A display device comprising:
- a first insulating layer having a first opening;
- a first conductive layer in the first opening;
- a second conductive layer on the first insulating layer 25 and the first conductive layer;
 - a semiconductor layer over the second conductive layer with a gate insulating film therebetween;
 - a third conductive layer over the semiconductor layer;
- a second insulating layer having a second opening over
- 30 the third conductive layer; and

a fourth conductive layer in the second opening,

wherein the first conductive layer is wider and thicker than the second conductive layer, and

wherein the fourth conductive layer is thicker than the 5 third conductive layer.

- 4. A display device comprising:
- a first insulating layer having a first opening;
- a first conductive layer in the first opening;
- a second conductive layer on the first insulating layer and the first conductive layer;
 - a semiconductor layer over the second conductive layer with a gate insulating film therebetween;
 - a third conductive layer over the semiconductor layer;
- a second insulating layer having a second opening over the third conductive layer; and
 - a fourth conductive layer in the second opening,

wherein the first conductive layer is wider and thicker than the second conductive layer,

wherein the fourth conductive layer is thicker than the third conductive layer, and

wherein each of the second conductive layer and the third conductive layer is formed by a droplet discharge method using a conductive material.

- 5. A display device comprising:
- a first insulating layer having a first opening;
- a first conductive layer in the first opening;
- a second conductive layer on the first insulating layer 30 and the first conductive layer;

a semiconductor layer over the second conductive layer with a gate insulating film therebetween;

a pair of third conductive layers over the semiconductor layer;

a first electrode over one of the pair of third conductive layers;

an electroluminescent layer over the first electrode; and a second electrode over the electroluminescent layer, wherein the first conductive layer is wider and thicker than the second conductive layer.

6. A display device comprising:

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- a first insulating layer having a first opening;
- a first conductive layer in the first opening;
- a second conductive layer on the first insulating layer and the first conductive layer;

a semiconductor layer over the second conductive layer with a gate insulating film therebetween;

a pair of third conductive layers over the semiconductor layer;

a first electrode over one of the pair of third conductive layers;

an electroluminescent layer over the first electrode; and a second electrode over the electroluminescent layer,

wherein the first conductive layer is wider and thicker than the second conductive layer, and

wherein the second conductive layer is formed by a droplet discharge method using a conductive material.

- 7. A display device comprising:
- a first insulating layer having a first opening;
- a first conductive layer in the first opening;
- a second conductive layer on the insulating layer and the first conductive layer;
 - a semiconductor layer over the second conductive layer with a gate insulating film therebetween;
 - a pair of third conductive layers over the semiconductor layer;
- a first electrode over one of the pair of third conductive layers;
 - a second insulating layer having a second opening over the other one of the pair of third conductive layers;
 - a fourth conductive layer in the second opening;
- an electroluminescent layer over the first electrode; and
 - a second electrode over the electroluminescent layer,

wherein the first conductive layer is wider and thicker than the second conductive layer, and

wherein the fourth conductive layer is thicker than the 20 third conductive layer.

- 8. A display device comprising:
- a first insulating layer having a first opening;
- a first conductive layer in the first opening;
- a second conductive layer on the first insulating layer and the first conductive layer;
 - a semiconductor layer over the second conductive layer with a gate insulating film therebetween;
- a pair of third conductive layers over the semiconductor layer;

a first electrode over one of the pair of third conductive layers;

a second insulating layer having a second opening over the other one of the pair of third conductive layers;

a fourth conductive layer in the second opening;
an electroluminescent layer over the first electrode; and
a second electrode over the electroluminescent layer,
wherein the first conductive layer is wider and thicker
than the second conductive layer,

wherein the fourth conductive layer is thicker than the third conductive layer, and

wherein each of the second conductive layer and the third conductive layer is formed by a droplet discharge method using a conductive material.

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9. The thin film transistor or the display device according to any one of claims 1 to 8, wherein the thin film transistor or the display device further comprises a titanium oxide film below the first conductive layer.

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according to any one of claims 1 to 8, wherein the thin film transistor or the display device further comprises a film comprising at least one selected from the group consisting of W (tungsten), Al (aluminum), Ta (tantalum), Zr (zirconium), Hf (hafnium), Ir (iridium), Nb (niobium), Pd (lead), Pt (platinum), Mo (molybdenum), Rh (rhodium), Sc (scandium), Ti (titanium), V (vanadium), Cr (chromium), Mn (manganese), Fe (iron), Co (cobalt), Ni (nickel), Cu (copper), and Zn (zinc) below the first conductive layer.

11 The thin film transistor or the display device according to any one of claims 1 to 8, wherein the second conductive layer includes at least one of silver, gold, copper, and indium tin oxide.

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12. The display device according to any one of claims 3 to 8, wherein the third conductive layer includes at least one of silver, gold, copper, and indium tin oxide.

- 13. The thin film transistor or the display device according to any one of claims 1 to 8, wherein a width of the first opening is from 5 μm to 100 μm .
- 15 14. The display device according to any one of claims 3 to 8, wherein the semiconductor layer is an amorphous semiconductor layer including at least one of hydrogen and halogen.
- 20 15. The display device according to any one of claims 3 to 8, wherein the semiconductor layer is a semi-amorphous semiconductor layer including at least one of hydrogen and halogen.
- 25 16. The display device according to any one of claims 3 to 8, wherein the semiconductor layer is a polycrystalline semiconductor including at least one of hydrogen and halogen.
- 17. The display device according to any one of claims 3 30 to 8, wherein a channel length of the semiconductor layer is

from 5 μ m to 100 μ m.

18. A television apparatus including the display device according to any one of claims 3 to 8 as a display screen.

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- 19. A television apparatus including a display device with the thin film transistor according to claim 1 or 2 as a display screen.
- 20. A method for manufacturing a display device comprising the steps of:

forming an insulating layer having a first opening; forming a first conductive layer in the first opening;

forming a second conductive layer over the insulating layer and the first conductive layer by a droplet discharge method using a first conductive material,

wherein the first conductive layer is formed to be wider and thicker than the second conductive layer.

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and

21. A method for manufacturing a display device comprising the steps of:

forming a first insulating layer having a first opening; forming a first conductive layer in the first opening;

forming a second conductive layer by a droplet discharge method using a first conductive material on the first insulating layer and the first conductive layer;

forming a semiconductor layer over the second conductive layer with a gate insulating film therebetween;

forming a third conductive layer over the semiconductor

layer by a droplet discharge method using a second conductive material;

forming a second insulating layer over the third conductive layer; and

forming a fourth conductive layer over the third conductive layer,

wherein the first conductive layer is formed to be wider and thicker than the second conductive layer, and

wherein the fourth conductive layer is formed to be 10 thicker than the third conductive layer.

22. A method for manufacturing a display device comprising the steps of:

forming a first insulating layer having a first opening;
forming a first conductive layer in the first opening;
forming a second conductive layer by a droplet discharge
method using a first conductive material on the insulating layer

forming a semiconductor layer over the second conductive

layer with a gate insulating film therebetween;

and the first conductive layer;

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forming a third conductive layer over the semiconductor layer by a droplet discharge method using a second conductive material;

forming a first electrode over the third conductive 25 layer;

forming an electroluminescent layer over the first electrode; and

forming a second electrode over the electroluminescent layer,

wherein the first conductive layer is formed to be wider

and thicker than the second conductive layer.

23. A method for manufacturing a display device comprising the steps of:

forming a first insulating layer having a first opening; forming a first conductive layer in the first opening; forming a second conductive layer by a droplet discharge method using a first conductive material on the insulating layer and the first conductive layer;

forming a semiconductor layer over the second conductive layer with a gate insulating film therebetween;

forming a pair of third conductive layers over the semiconductor layer by a droplet discharge method using a second conductive material;

forming a first electrode over one of the pair of third conductive layers;

forming a second insulating layer over the other one of the third conductive layer;

forming a fourth conductive layer over the other one of the third conductive layer;

forming an electroluminescent layer over the first electrode; and

forming a second electrode over the electroluminescent layer,

- wherein the first conductive layer is formed to be wider and thicker than the second conductive layer.
- 24. The method for manufacturing the display device according to any one of claim 20 to 23, the method further comprises the step of forming a titanium oxide film below the

first conductive layer.

- 25. The method for manufacturing the display device according to any one of claim 20 to 23, the method further 5 comprises the step of forming a film comprising at least one selected from the group consisting of W (tungsten), Al (aluminum), Ta (tantalum), Zr (zirconium), Hf (hafnium), Ir (iridium), Nb (niobium), Pd (lead), Pt (platinum), Mo (molybdenum), Rh (rhodium), Sc (scandium), Ti (titanium), V (vanadium), Cr (chromium), Mn (manganese), Fe (iron), Co (cobalt), Ni (nickel), Cu (copper), and Zn (zinc) below the first conductive layer.
- 26. The method for manufacturing a display device according to any one of claims 20 to 23, wherein the first conductive material is one selected from the group consisting of silver, gold, copper, and indium tin oxide.
- 27. The method for manufacturing a display device according to claim 22 or 23, wherein the second conductive material is one selected from the group consisting of silver, gold, copper, and indium tin oxide.
- 28. The method for manufacturing the display device 25 according to any one of claims 20 to 23, wherein the first opening is formed to have a width of from 5 μm to 100 μm.
- 29. The method for manufacturing the display device according to any one of claims 21 to 23, wherein the semiconductor layer is an amorphous semiconductor layer formed

from a gas including at least one of hydrogen and halogen.

30. The method for manufacturing the display device according to any one of claims 21 to 23, wherein the semiconductor layer is a semi-amorphous semiconductor layer formed from a gas including at least one of hydrogen and halogen.

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- 31. The method for manufacturing the display device according to any one of claims 21 to 23, wherein the semiconductor layer is a polycrystalline semiconductor layer formed from a gas including at least one of hydrogen and halogen.
- 32. The method for manufacturing the display device according to any one of claims 21 to 23, wherein the second conductive layer is formed so that a channel length of the semiconductor layer is from 5 μm to 100 μm.